

Total page: 1

PG (NEW) CBCS
M.Sc. Semester-II Examination, 2020
BOTANY

PAPER: BOT 201

(ANGIOSPERM TAXONOMY & BIOSYSTEMATICS)

Full Marks: 20

Time: 1 Hour

Answer any ONE question from each unit

UNIT-I (ANGIOSPERM TAXONOMY)

10 MARKS

1. Describe the principles of ICBN.
2. Write down the salient features of Magnoliidae. Discuss the evolutionary trends of the group.
3. Discuss latest APG system (APG IV) of plant classification for the orders and families of flowering plants.
4. Describe the different methods of Herbarium preparation.
5. Comment on chemotaxonomy of Caryophyllidae.

UNIT-II (BIOSYSTEMATICS)

10 MARKS

1. How does phytochemistry help in solving taxonomic debates?
2. Discuss the relevance of taxonomic study in diversity management.
3. Briefly discuss phenetic and cladistic methods in Numerical Taxonomy.
4. Discuss how ethnobotany helps in biodiversity conservation and human welfare.
5. Write down the role of palynology in solving taxonomic debates.
